# DRHZ820

**DDR3-1600, PC3-12800, Registered, ECC, 1.5V, 240-pin DIMMs**

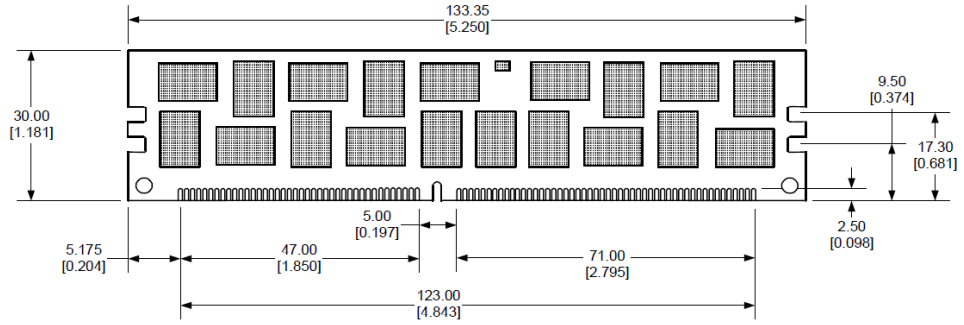
## Products in Family

DRHZ820/4GB (1 x 4GB 1Rx4 DIMM)
DRHZ820/8GB (1 x 8GB 2Rx4 DIMM)
DRHZ820/16GB (1 x 16GB 2Rx4 DIMM)

| Features | Description |
|---|---|
| 240-pin JEDEC-compliant DIMMs<br>133.35 mm wide by 30 mm high (1.181” x 5.25”)<br>Data Transfer Rate: 12.8 Gigabytes/sec<br>Operating Voltage: 1.5 V ±0.075<br>Fully RoHS Compliant<br>Thermal Sensor | Each DRHZ820 upgrade consists of a single DDR3-1600 Registered ECC DIMM that conforms to JEDEC’s DDR3, PC3-12800 standard. One 2K-bit EEPROM is used for Serial Presence Detect and a combination register/PLL with Address and Command Parity is also used. A thermal sensor accurately monitors the DIMM module and can prevent exceeding the maximum operating temperature of 95C. |

| Dataram Product | HP Product | Supported in these HP systems: |
|---|---|---|
| DRHZ820/4GB<br>DRHZ820/8GB<br>DRHZ820/16GB | A2Z49AA<br>A2Z51AA<br>A2Z52AA | HP Z620, Z820 Workstations |

**Front view**

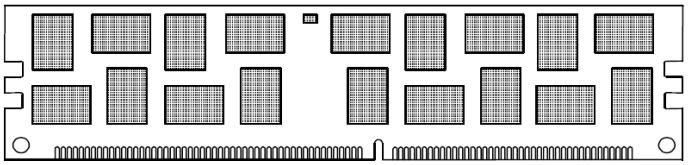



Notes

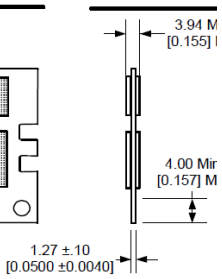
Tolerances on all dimensions except where otherwise indicated are ±.13 (.005).

All dimensions are expressed in millimeters [inches]

**Back view**



**Side view**



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